

AWC Volume SE SC SW W AR IN USGS Quad Seldovia A-5

Anadromous Water Catalog Number of Waterway \_\_\_\_\_

Name of Waterway \_\_\_\_\_ USGS name \_\_\_\_\_ Local name \_\_\_\_\_

Addition X Deletion \_\_\_\_\_ Correction \_\_\_\_\_ Backup Information \_\_\_\_\_

For Office Use

Nomination # <u>94 310</u>	<u>[Signature]</u> Regional Supervisor	<u>11/19/93</u> Date
Revision Year: <u>94</u>		
Revision to: Atlas _____ Catalog _____		
Both <u>X</u>		
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon - Adults</u>	<u>9-13-93</u>	<u>6</u>			<u>✓</u>

**IMPORTANT:** Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Observed pink salmon from the stream mouth to within 30 meters of the spring,  
which is a barrier. Stream width is 0.5 meters throughout. Gradient is 1 percent. Predominant  
stream substrate is gravel with some silt. Instream cover abundance is high consisting of cut  
banks, overhanging vegetation and organic debris.

ALASKA DEPT. OF  
FISH & GAME

Name of Observer (please print) JEFF BARNHART

Date: 10-15-93

Signature: [Signature]

Address: 333 Raspberry Road

Anchorage AK

NOV 03 1993

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This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_

Rev. 7/93

# STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: CHUGACH-086 SEGMENT: 3-D1 DATE: 7/13/93 TEAM: JB/WG  
 ANADROMOUS: (y)n WIDTH (m): 5-5 LENGTH (m): \_\_\_\_\_ GPS DATE: —/—/— DIGITIZE: y n  
 WATERBODY: mainstem tributary lake/pond wetland Intertidal other: \_\_\_\_\_

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
<u>pink</u>	<u>A</u>	<u>5</u>	<u>V</u>	<u>Dead in T. 5</u>			
<u>unidentified</u>	<u>S</u>	<u>1</u>	<u>V</u>				

GRADIENT(%): 1 CHANNEL PROFILE: V (A) B C D E F  
 CHANNEL PATTERN: single multi braided  
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK — BOULDER — RUBBLE — COBBLE —  
 GRAVEL 1 SAND — MUD/SILT 2 ORGANICS — OTHER: —  
 STREAM COVER TYPE: ORGANIC DEBRIS X DEAD BRANCHES/TWIGS — LOGS — BOULDERS —  
 CUT BANK X OVERHANGING VEGET. X OTHER: —  
 STREAM COVER ABUNDANCE: none low medium high

RIPIARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: S. T. spruce  
 UNDERSTORY: grass salmon berry —

CANOPY ABOVE STREAM: none low medium high

GROWTH: mature secondary shrubs meadow muskeg Intertidal

TOTAL BARRIER? (y)n BARRIER TO SPECIES: All salmon adult juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): — DIST. FROM UPPER EXTENT (m): 30

PHOTO ROLL(s):		VIDEO TAPE(s):	
FRAME	DESCRIPTION	DATE	DESCRIPTION

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"  
 (Please enter comments on the other side)

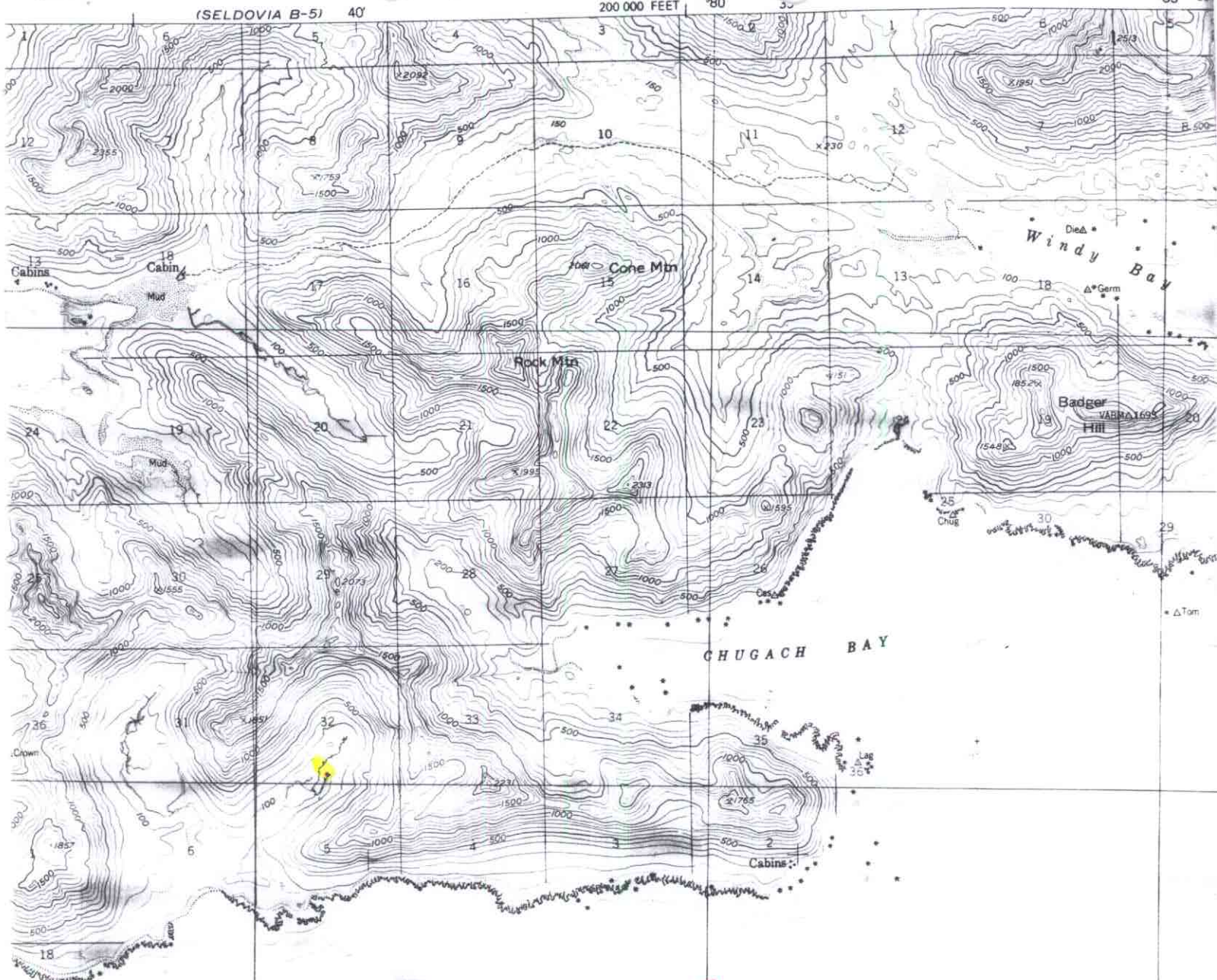
Trib runs in meadow with spruce trees along one side. The  
blockage is 30 m upstream of last dead point. Observed one fly  
of unknown species.



(SELDVIA B-5) 40'

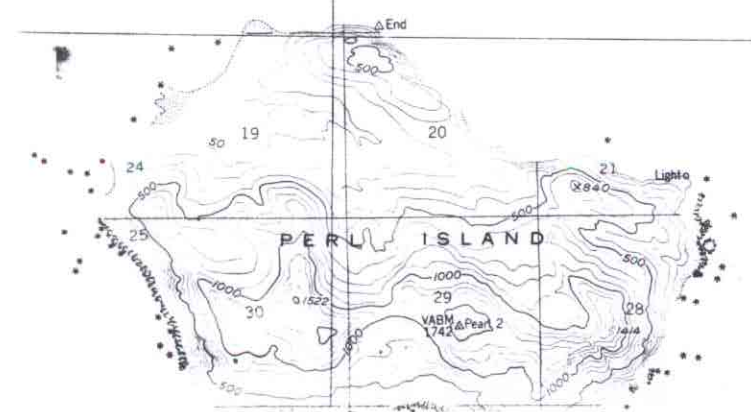
200 000 FEET '80

'85 15



Chatham-06 Trib 3 P<sub>5</sub>

PASSAGE





# MEMORANDUM

## State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss  
Habitat Biologist  
Region II  
Habitat and Restoration Division  
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream  
Nominations  
and Corrections  
Project R-51

FROM: Kathrin Sundet *KS*  
Habitat Biologist  
Region II  
Habitat and Restoration Division  
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky  
Don McKay  
Mark Kuwada

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NOV 03 1993

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DIVISION